11/25/87 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended November 20, 1987 NO. 47

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/20/87	Last Week Ending: 11/13/87	Last Year Week Ending: 11/21/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,092	12,960	13,107	132	-15
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	83.4	82.6	84.1		
Motor Gasoline					
Total motor gasoline production	6,983	6,770	7,118	213	-135
Finished leaded motor gasoline production	1,661	1,526	1,983	135	-322
Finished unleaded motor gasoline production	5,322	5,244	5,135	78	187
Total motor gasoline stocks	219,133	218,273	223,317	860	-4,184
Finished leaded motor gasoline stocks	51,589	51,245	63,882	344	-12,293
Finished unleaded motor gasoline stocks	130,049	130,071	122,738	-22	7,311
Jet Fuel Kerosine					
Jet fuel kerosine production	1,119	1,176	1,148	-57	-29
Jet fuel kerosine stocks	43,495	42,673	41,447	822	2,048
Distillate Fuel Oil					
Distillate fuel oil production	3,035	3,009	2,961	26	74
Distillate fuel oil stocks	125,304	127,259	150,187	-1,955	-24,883
Residual Fuel Oil					
Residual fuel oil production	1,042	867	910	175	132
Residual fuel oil stocks	46,008	47,498	46,191	-1,490	-183
Imports					
Crude oil imports	5,631	4,794	4,668	837	963
Product imports	1,801	1,551	2,263	250	-462
Crude Oil Stocks					
Crude oil stocks	358,038	353,556	343,885	4,482	14,153

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,370	1,126	1,134	1,400	81.0
Appal. No. 1	115	103	104	105	99.0
DISTRICT 1 TOTAL	1,485	1,229	1,238	1,505	82.3
Appal. No. 2	83	83	83	66	125.8
Ind., Ill., Ky.	2,042	1,917	1,941	2,154	90.1
Minn., Wis., Daks.	328	308	308	317	97.2
Okla., Kans., Mo.	670	607	613	720	85.1
DISTRICT 2 TOTAL	3,123	2,915	2,945	3,257	90.4
Inland Texas	541	466	475	569	83.5
Texas Gulf Coast	3,215*	2,950*	2,964*	3,569	83.0*
La. Gulf Coast	2,585	2,397	2,423	2,648	91.5
N. La. and Ark.	191	167	179	257	69.6
New Mexico	80	71	72	81	88.9
DISTRICT 3 TOTAL	6,612*	6,051*	6,113*	7,124	85.8*
DISTRICT 4 TOTAL	457	426	429	552	77.7
DISTRICT 5 TOTAL	2,503	2,342	2,367	3,259	72.6
TOTAL U.S.	14,180	12,963	13,092	15,697	83.4
TOTAL U.S. Weeks Ended:					
NOV. 13, 1987	14,079*	12,878*	12,960*	15,697	82.6*
NOV. 21, 1986	14,531	12,948	13,107	15,594	84.1
DISTRICTS 1-4 Weeks Ended:					
NOV. 20, 1987	11,677	10,621	10,725	12,438	86.2
NOV. 13, 1987	11,610*	10,465*	10,541*	12,438	84.7*
NOV. 21, 1986	11,872	10,558	10,709	12,526	85.5

*See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 20, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	749	129	620	15	74	308	113
Appal. No. 1	42	10	32	--	--	35	4
DISTRICT 1 TOTAL	791	139	652	15	74	343	117
Appal. No. 2	42	8	34	--	--	16	2
Ind., Ill., Ky.	1,134*	233	901*	7	101	493	83
Minn., Wis., Daks.	182	49	133	--	21	87	12
Okla., Kans., Mo.	398	159	239	8	35	184	3
DISTRICT 2 TOTAL	1,756*	449	1,307*	15	157	780	100
Inland Texas	294	81	213	24	32	110	18
Texas Gulf Coast	1,415*	300*	1,115	53	244	642	193
La. Gulf Coast	1,261	271	990	39	311	548	140
N. La. and Ark.	62	8	54	11	1	53	9
New Mexico	44	18	26	7	1	20	1
DISTRICT 3 TOTAL	3,076*	678*	2,398	134	589	1,373	361
DISTRICT 4 TOTAL	230	90	140	15	26	144	8
DISTRICT 5 TOTAL	1,130	305	825	45	273	395	456
TOTAL U.S.	6,983	1,661	5,322	224	1,119	3,035	1,042
TOTAL U.S. **Weeks Ended:**							
NOV. 13, 1987	6,770*	1,526*	5,244*	173	1,176	3,009	867
NOV. 21, 1986	7,118	1,983	5,135	201	1,148	2,961	910
DISTRICTS 1-4 **Weeks Ended:**							
NOV. 20, 1987	5,853	1,356	4,497	179	846	2,640	586
NOV. 13, 1987	5,689*	1,263*	4,426*	120	881	2,657	512
NOV. 21, 1986	5,903	1,685	4,218	145	873	2,568	536

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended November 20, 1987

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,364	1,058	3,305	1	120	561	7,292*	1,283	--
Central Atlantic	27,750	4,927	18,427	4,396	375	5,666	30,487	16,133	11,735
Lower Atlantic	29,226*	6,448	22,449*	329	669	5,041	17,003*	3,590	497
DISTRICT 1 TOTAL	61,340*	12,433	44,181*	4,726	1,164	11,268	54,782*	21,006	12,232
DISTRICT 2 TOTAL	58,542	17,722	33,013	7,807	986	8,847	31,034	2,813	15,445*
DISTRICT 3 TOTAL	64,937*	12,538*	35,903	16,496	2,575	15,577	26,564*	12,274	45,792*
DISTRICT 4 TOTAL	5,923	2,159	2,378	1,386	387	739	2,250	381	2,462
DISTRICT 5 TOTAL	28,391	6,737	14,574	7,080	1,591	7,064	10,674	9,534	24,525
TOTAL U.S.	219,133	51,589	130,049	37,495	6,703	43,495	125,304	46,008	100,456
TOTAL U.S.									
Weeks Ended:									
NOV. 13, 1987	218,273*	51,245*	130,071*	36,957	6,900	42,673	127,259*	47,498	101,741*
NOV. 21, 1986	223,317	63,882	122,738	36,697	6,730	41,447	150,187	46,191	102,771
DISTRICTS 1-4									
Weeks Ended:									
NOV. 20, 1987	190,742	44,852	115,475	30,415	5,112	36,431	114,630	36,474	75,931
NOV. 13, 1987	190,020*	44,460*	115,875*	29,685	4,888	35,936	116,703*	38,100	76,578*
NOV. 21, 1986	193,599	55,984	108,004	29,611	4,728	35,973	139,674	36,494	81,084

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended November 20, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
NOV. 20, 1987	5,077.8	5,191.0	5,336	607	272,913
NOV. 13, 1987	5,077.8	--	4,579*	500	272,254*
NOV. 6, 1987	5,162.5	--	5,757	658	274,130
OCT. 30, 1987	5,162.5	--	5,282	676	270,877
DISTRICT 5 TOTAL					
NOV. 20, 1987	3,179.2	3,008.0	295	--	85,125 ‡
NOV. 13, 1987	3,179.2	--	215	2	81,302*
NOV. 6, 1987	3,077.5	--	193	10	80,073
OCT. 30, 1987	3,077.5	--	200	38	79,048
TOTAL U.S.					
NOV. 20, 1987	8,257.0	8,199.0	5,631	607	358,038 ‡
NOV. 13, 1987	8,257.0	--	4,794*	502	353,556*
NOV. 6, 1987	8,240.0	--	5,950	668	354,203
OCT. 30, 1987	8,240.0	--	5,482	714	349,925
NOV. 21, 1986	8,412.0 a/	--	4,668	581	343,885

‡INCLUDES 28,186 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 20, 1987	16,670	71,470	171,905	12,868	272,913	85,125 ‡	358,038 ‡
NOV. 13, 1987	13,376	72,162	173,658*	13,058	272,254*	81,302*	353,556*
NOV. 21, 1986	15,972	76,923	164,379	11,349	268,623	75,262	343,885

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 20, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	168	--	168	--	--	--	89	79	4	--	--	340
Central Atlantic	176	--	176	29	--	5	36	272	18	36	155	727
Lower Atlantic	56	38	18	--	--	19	26	67	--	--	--	168
DISTRICT 1 TOTAL												
NOV. 20, 1987	400	38	362	29	--	24	151	418	22	36	155	1,235
NOV. 13, 1987	338	12	326	32	--	11	161	264	28	19	34	887
NOV. 6, 1987	376	23	353	76	--	35	192	455	45	94	72	1,345
OCT. 30, 1987	243	18	225	45	--	16	146	493	37	31	247	1,258
DISTRICTS 2-4 TOTAL												
NOV. 20, 1987	29	4	25	2	3	--	10	14	191	127	110	486
NOV. 13, 1987	30	1	29	3	12	--	10	15	240x	76	225	611x
NOV. 6, 1987	40	1	39	5	3	2	49	23	193	175	185	675
OCT. 30, 1987	20	1	19	18	3	1	44	21	196	152	267	722
DISTRICT 5 TOTAL												
NOV. 20, 1987	35	10	25	23	--	2	6	8	4	2	--	80
NOV. 13, 1987	23	10	13	11	--	--	2	6	8x	3	--	53x
NOV. 6, 1987	8	2	6	23	--	--	2	10	10	8	--	61
OCT. 30, 1987	17	1	16	25	--	--	1	10	24	4	49	130
TOTAL U.S.	464	52	412	54	3	26	167	440	217	165	265	1,801
TOTAL U.S. Weeks Ended:												
NOV. 13, 1987	391	23	368	46	12	11	173	285	276	98	259	1,551
NOV. 6, 1987	424	26	398	104	3	37	243	488	248	277	257	2,081
OCT. 30, 1987	280	20	260	88	3	17	191	524	257	187	563	2,110
NOV. 21, 1986	405	54	351	74	8	88	183	708	434	192	171	2,263

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 20, 1987

REVISIONS

11/06/87	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,297
			DISTRICT 3 TOTAL	6,618
			TOTAL U.S.	13,972
			DISTRICTS 1-4	11,443
		CRUDE OIL RUNS	TEXAS GULF COAST	2,963
			DISTRICT 3 TOTAL	5,963
			TOTAL U.S.	12,647
			DISTRICTS 1-4	10,365
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,983
			DISTRICT 3 TOTAL	6,035
			TOTAL U.S.	12,745
			DISTRICTS 1-4	10,463
		% OPERABLE	TEXAS GULF COAST	83.6
			DISTRICT 3 TOTAL	84.7
			TOTAL U.S.	81.2
			DISTRICTS 1-4	84.1
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	29,704
			DISTRICT 1 TOTAL	60,629
			DISTRICT 3 TOTAL	66,978
			TOTAL U.S.	218,372
			DISTRICTS 1-4	190,008
		LEADED MGAS	DISTRICT 3 TOTAL	14,305
			TOTAL U.S.	51,814
			DISTRICTS 1-4	44,846
		UNLEADED MGAS	LOWER ATLANTIC	23,340
			DISTRICT 1 TOTAL	44,480
			TOTAL U.S.	129,522
			DISTRICTS 1-4	115,199
		DISTILLATE FUEL	LOWER ATLANTIC	14,495
			DISTRICT 1 TOTAL	52,092
			TOTAL U.S.	121,985
			DISTRICTS 1-4	111,436
11/13/87	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,221
			DISTRICT 2 TOTAL	1,768
			TEXAS GULF COAST	1,557
			DISTRICT 3 TOTAL	3,042
			TOTAL U.S.	6,770
			DISTRICTS 1-4	5,689
		LEADED MGAS	TEXAS GULF COAST	299
			DISTRICT 3 TOTAL	623
			TOTAL U.S.	1,526
			DISTRICTS 1-4	1,263
		UNLEADED MGAS	IND., ILL., KY	944
			DISTRICT 2 TOTAL	1,318
			TOTAL U.S.	5,244
			DISTRICTS 1-4	4,426

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 20, 1987

REVISIONS

PAGE 3	DISTILLATE FUEL	NEW ENGLAND	8,210
		DISTRICT 1 TOTAL	55,112
		DISTRICT 3 TOTAL	30,003
		TOTAL U.S.	127,259
		DISTRICTS 1-4	116,703
	UNFINISHED OILS	DISTRICT 2 TOTAL	16,084
		DISTRICT 3 TOTAL	45,503
		TOTAL U.S.	101,741
		DISTRICTS 1-4	76,578
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,579
		TOTAL U.S.	4,794
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	272,254
		DISTRICT 5 TOTAL	81,302
		TOTAL U.S.	353,556
PAGE 4 B	TOTAL	PAD DISTRICT 3	173,658
		TOTAL PAD DISTRICTS 1-4	272,254
		PAD DISTRICT 5	81,302
		TOTAL U.S.	353,556
PAGE 5	L.P.G.	DISTRICTS 2-4 TOTAL	240
		DISTRICT 5 TOTAL	8
	TOTAL	DISTRICTS 2-4 TOTAL	611
		DISTRICT 5 TOTAL	53